



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090686

**Mode:** Highway

**Status:** Submitted

### US-117

**From/Cross Street:** SR 1135 (Country Club Road)

**Specific Improvement Type:** 7 - Upgrade At-grade Intersection to Interchange or Grade Separation

**To:**

**Project Category:** Statewide Mobility

**Length:** 2

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$11,640,000

#### Description:

Construct interchange on US 117 at Country Club Road. No Row Costs, Division 4 Reports That NCdot Has Already Acquired the Necessary Right-of-Way

**Division(s):** Division 4

**County(s):** WAYNE

**MPOS(s)/RPO(s):** East Carolina RPO

### Project Location



**Statewide Mobility Total Score: 20.97**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (30%) 27.84 Safety (10%) 83.35 Economic Competitiveness (10%) 3.64 Multimodal + [Freight & Military] (20%) 15.10 [Travel Time] Benefit/Cost (30%) 2.98  <b>Totals: Weight: 100% Weighted Score: 20.97</b>	N/A	N/A

**Regional Impact Total Score: 37.28**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (15%) 27.84 Safety (15%) 83.35 Lane Width (10%) 0.00 [Paved] Shoulder Width (10%) 50.00 [Travel Time] Benefit/Cost (20%) 2.98  <b>Totals: Weight: 70% Weighted Score: 22.28</b>	Percent: 15% Points: 0	Percent: 15% Points: 100

**Division Needs Total Score: 64.67**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (10%) 27.84 Safety (10%) 83.35 Lane Width (10%) 0.00 [Paved] Shoulder Width (10%) 50.00 [Travel Time] Benefit/Cost (10%) 2.98  <b>Totals: Weight: 50% Weighted Score: 16.42</b>	Percent: 25% Points: 100	Percent: 25% Points: 93

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	2
Facility Type:	Multi-Lane Highway
Access Control:	Limited
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	28000
Capacity:	100941.78
Volume/Capacity Ratio:	0.28
% Autos:	89%
% Trucks:	11%
Truck Volume:	3020
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	66.7
Severity Index:	100
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	80
Actual Congested Speed:	0
Travel Time Index:	

**Project Benefits**

Project Cross-Section:	
Speed Limit:	55
Length (miles):	2
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	1511000
Travel Time Savings for 30 Years (Autos):	1348027.86
Travel Time Savings for 30 Years (Trucks):	162972.14
Long-Term Employment:	25
% Change in Economy:	4.79E-05
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 4

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 4	100%	0	100
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>100</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
East Carolina RPO	100%	100	93
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>93</b>

**Project Cost and Source**

Construction Cost:	\$10,260,000	TIP Unit
Right-of-Way Cost:	\$1,380,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$11,640,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$11,640,000</b>	